JAN 0 1 2002 25 TRADE MATPIPLICA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 3736

Appl. No.

09/471,510

M. Diab

Filed

December 23, 1999

For

PLETHYSMOGRAPH PULSE

RECOGNITION PROCESSOR

Examiner

M. Kremer

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

November 2, 200 (Date)

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AMENDMENT AND RESPONSE

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated July 2, 2001, please amend the above-identified application as follows:

IN THE CLAIMS

Please cancel Claim 4 without prejudice:

1. (Amended) A processor having a plethysmograph waveform input resulting from light attenuated by body tissue with pulsing blood and a pulse recognition output providing information regarding pulses within said waveform input, said processor comprising:

a candidate pulse portion that aetermines a plurality of potential pulses within said waveform input; and

a physiological model portion that determines the physiologically acceptable ones

of said pulses.

01/10/2002 HBERHE

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